

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF:  
**Michael S. Bittar**

ATTORNEY DKT. NO. **5080.114 (DIV 3)**

SERIAL NO. **To Be Assigned**

GROUP ART UNIT: **2862**

FILING DATE: **To Be Assigned**

EXAMINING ATTORNEY: **To Be Assigned**

**TITLE: ELECTROMAGNETIC WAVE  
RESISTIVITY TOOL HAVING A  
TILTED ANTENNA FOR MEASURING  
WITHIN A DESIRED PAYZONE**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**PRELIMINARY AMENDMENT**

Dear Examiner:

This Preliminary Amendment is being filed in conjunction with a Divisional Patent Application filed concurrently herewith and is based on U.S. Patent Application No. 10/255,048, filed September 25, 2002, which is a Continuation of U.S. Patent Application Serial No. 09/615,501 filed July 13, 2000, now U.S. Patent No. 6,476,609, issued on November 5, 2002, which is a Continuation-in-Part of U.S. Patent Application Serial No. 09/238,832, filed January 28, 1999, now U.S. Patent No. 6,163,155, issued on December 19, 2000. Applicant herewith submits specification and claim amendments to be entered in advance of the prosecution of this Divisional Application. Applicant respectfully requests entry of the amendments below prior to substantive examination of the application.

**Amendments to the Specification begin on page 3 of this paper.**

**Amendments to the Claims** are reflected in the listing of claims which begins on page 4 of this paper.

**Remarks/Arguments** begin on page 8 of this paper.